

I CLAIM:

1. A clamp meter for measuring electrical parameters in a conductor, comprising:
  - a) a housing having at least first, second and third faces;
  - b) a pair of rigid jaws extending from the first face of the housing, the jaws defining a jaw plane, at least one of the jaws being pivotally movable in the jaw plane;
  - c) a first display disposed on the second face of the housing in a plane approximately parallel to the jaw plane; and
  - d) a second display disposed on the third face of the housing in a plane approximately perpendicular to the jaw plane.
2. The clamp meter of claim 1 further comprising a lever attached to said one jaw for moving it from a closed position wherein the pair of jaws contact one another to an open position wherein the pair of jaws are spaced apart.
3. The clamp meter of claim 2 wherein housing further comprises a fourth face and the lever extends from the fourth face of the housing.
4. The clamp meter of claim 1 further comprising a selector knob disposed on the second face of the housing, for selecting a measurement mode.
5. The clamp meter of claim 4 wherein the measurement mode comprises a voltage mode, a resistance mode, and a current mode.
6. The clamp meter of claim 4 wherein said selector knob extends beyond an edge of said housing.
7. A clamp meter for measuring electrical parameters, comprising:
  - a) a housing;

- b) a pair of rigid clamp jaws extending from the housing, the clamp jaws defining a clamp plane with at least one clamp jaw being pivotally movable in the clamp plane;
  - c) a first display mounted in the housing;
  - d) a second display disposed in the housing in a plane generally perpendicular to the clamp plane.
8. The clamp meter of claim 8 further comprising a lever attached to said one clamp jaw for moving it from a closed position wherein the pair of clamp jaws contact one another to an open position wherein the pair of clamp jaws are spaced apart.
9. The clamp meter of claim 9 wherein the lever is integrally formed with said at least one rigid clamp jaw.
10. The clamp meter of claim 10 further comprising a selector knob disposed on the housing, for selecting a measurement mode.
11. The clamp meter of claim 10 wherein the measurement mode comprises a voltage mode, a resistance mode, and a current mode.
12. The clamp meter of claim 10 wherein the selector knob extends beyond the housing.
13. The clamp meter of claim 10 further comprising two jacks for connecting two testing probes for acquiring inputs.
14. A clamp type meter for measuring at least one electrical parameter, said meter comprising:
- a) a housing including at least first and second faces which are generally perpendicular to one another;
  - b) a first rigid clamp jaw extending out from the housing;

- c) a second rigid clamp jaw extending out from the housing, the first and second clamp jaws defining a clamp plane, the first rigid clamp jaw being pivotally movable only in the jaw plane;
- d) a first display disposed on the first face of the housing; and
- e) a second display disposed on the second face of the housing.

15. The clamp meter of claim 14 further comprising a lever attached to the first rigid clamp jaw for moving the first rigid clamp jaw from a closed position wherein the first and second rigid clamp jaws contact one another to an open position wherein the first and second rigid clamp jaws are spaced apart.

16. The clamp meter of claim 15 wherein the housing includes a third face and the lever extends from the third face of the housing.

17. The clamp meter of claim 14 further comprising a selector knob disposed on the housing, for selecting a measurement mode.

18. The clamp meter of claim 17 wherein the measurement mode comprises at least a current mode.

19. The clamp meter of claim 20 wherein the selector knob extends beyond the housing.

20. The clamp meter of claim 17 further comprising two apertures for connecting two testing probes for acquiring signals.

21. A clamp meter for measuring electrical parameters in a conductor, comprising:

- a) a housing having at least first and second faces, the second face having a recess therein;
- b) a pair of rigid jaws extending from the first face of the housing, the jaws defining a jaw plane, at least one of the jaws being pivotally movable in the jaw plane;
- c) a display disposed in the recess of the housing; and

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- d) a hinge connected to the display and to the housing, the hinge mounting the display for pivotal motion between a retracted position wherein the display is disposed in the recess and a raised position wherein the display is disposed in a plane approximately perpendicular to the jaw plane.

22. The clamp meter of claim 21 further comprising a depression in the second face for providing access to the display for pivoting it.

23. The clamp meter of claim 21 further comprising at least one detent on the display and at least one mating notch in the housing for releasably retaining the detent.

24. The clamp meter of claim 21 wherein the hinge is located such that the display pivots to be viewable from the end of the housing opposite the jaws.